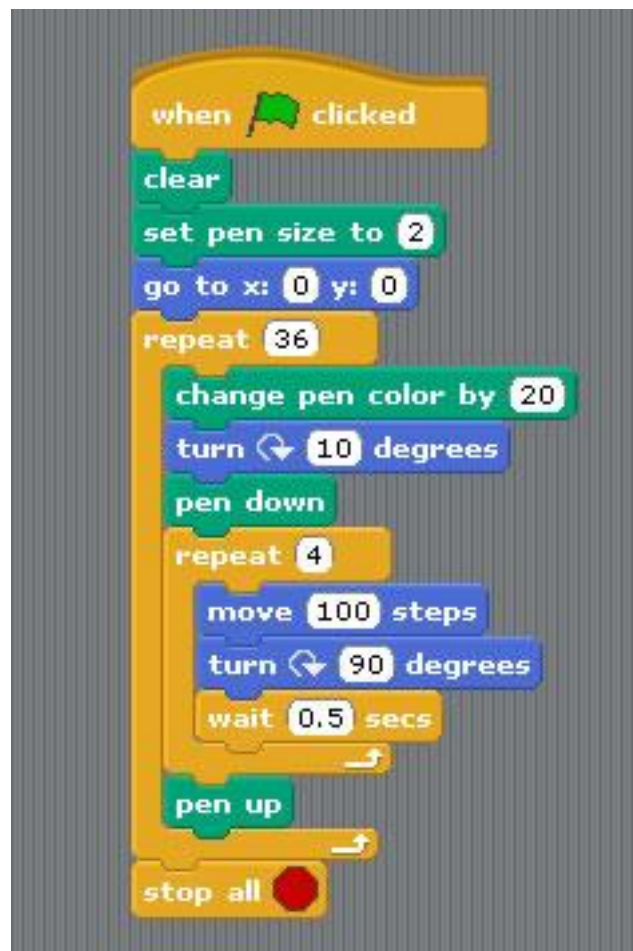


Lesson 2: Square

Implementing: Motion
Turn
Pen/Size/Colour
Repeat
Wait

1 The recipes

The Cat Recipe



2 The Steps

“How do you get the catto walk around in a square? ”

Walking around the floor do and say the following

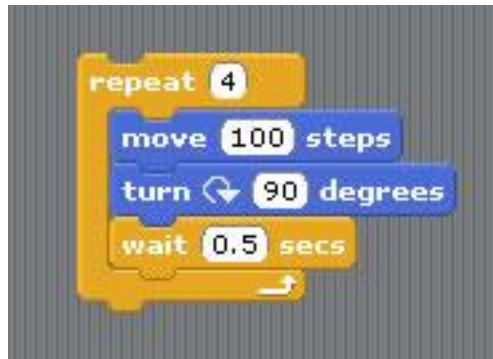
“Move 100 steps and turn 90 degrees”

“Move 100 steps and turn 90 degrees”

“Move 100 steps and turn 90 degrees”

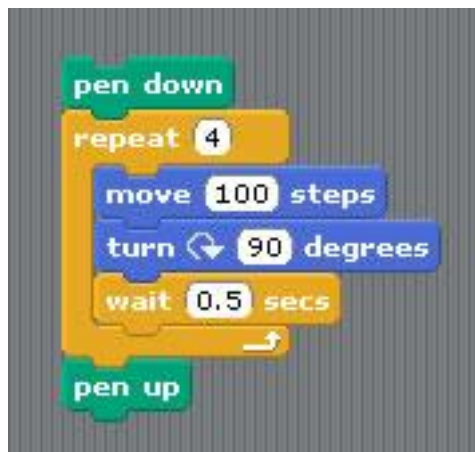
“Move 100 steps and turn 90 degrees”

“So you repeat ‘Move 100 steps and turn 90 degrees’ four time”



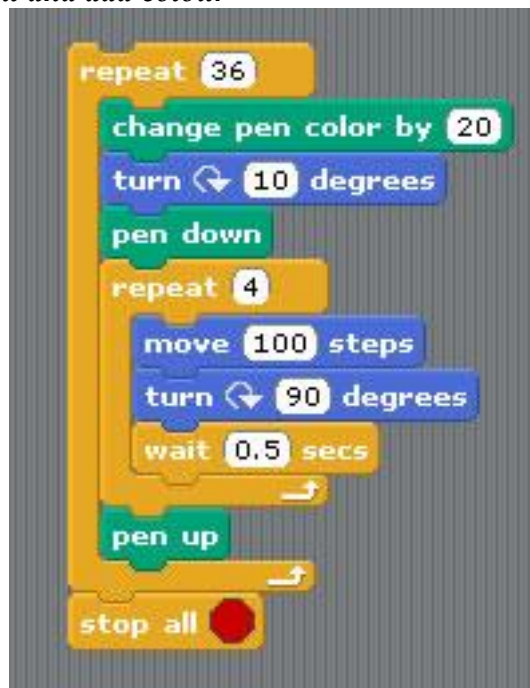
```
repeat 4
  move 100 steps
  turn 90 degrees
  wait 0.5 secs
```

“Let’s add the pen”



```
pen down
repeat 4
  move 100 steps
  turn 90 degrees
  wait 0.5 secs
pen up
```

“Now let’s shift it a bit and add colour”



```
repeat 36
  change pen color by 20
  turn 10 degrees
  pen down
  repeat 4
    move 100 steps
    turn 90 degrees
    wait 0.5 secs
  pen up
stop all
```

“Why repeat 36 times? (360 degrees divided by 10 degrees turns)”